

**COPY**



Applicant: Frank Guarnieri

Due Date: None  
Art Unit: 1631  
Examiner: Siu, S.  
Docket: 1866.0010001  
Atty: JMC/CMB

Application No.: 09/183,267

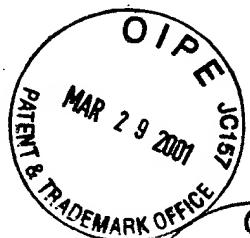
Filed: October 30, 1998

For: Computational Protein Probing to Identify Binding Sites

When receipt stamp is placed hereon, the USPTO acknowledges receipt of the following documents:

1. SKGF Cover Letter (in duplicate);
2. First Supplemental Information Disclosure Statement (in duplicate);
3. Form PTO-1449 (2 pages);
4. Copies of references AR1, AS1, AT1, AR2, AS2 and AT2; and
5. A return postcard.

Please Date Stamp And Return To Our Courier



STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

ATTORNEYS AT LAW

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\*\*\*SENIOR COUNSEL

March 29, 2001



WRITER'S DIRECT NUMBER: (202) 371-2673

INTERNET ADDRESS: JCOVERT@SKGF.COM

Commissioner for Patents  
Washington, D.C. 20231

Group Art Unit: 1631

Re: U.S. Utility Patent Application  
Appl. No. 09/183,267; Filed: October 30, 1998  
For: Computational Protein Probing to Identify Binding Sites  
Inventors: Frank Guarnieri  
Our Ref: 1866.0010001/JMC/CMB

Sir:

Transmitted herewith for appropriate action are the following documents:

1. First Supplemental Information Disclosure Statement (in duplicate);
2. Form PTO-1449 (2 pages);
3. Copies of references AR1, AS1, AT1, AR2, AS2 and AT2; and
4. A return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

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Commissioner for Patents  
March 29, 2001  
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



John M. Covert  
Attorney for Applicant  
Registration No. 38,759

Enclosures

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SKGF Rev. 4/27/00 mac



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Frank Guarnieri

Appl. No. 09/183,267

Filed: October 30, 1998

For: **Computational Protein Probing to Identify Binding Sites**

Confirmation No.

Art Unit: 1631

Examiner: Siu, S.

Atty. Docket: 1866.0010001/JMC/CMB

**First Supplemental Information Disclosure Statement**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. The numbering on this First Supplemental Information Disclosure Statement is a continuation of the numbering in Applicants' Information Disclosure Statement filed on July 12, 1999 in connection with the above-captioned application. A copy of each document is also provided.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered. This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

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- 2 -

Frank Guarneri  
Appl. No. 09/183,267

This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection, or Notice of Allowance, or an action that otherwise closes prosecution in the application.

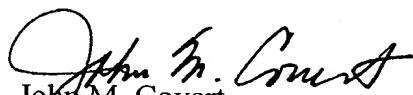
Attached is our Check No. 30764 in the amount of \$ 240.09 in payment of the fee under 37 C.F.R. § 1.17(p).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

Consideration of the cited documents and making the same of record in the prosecution of the above-identified application is respectfully requested. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this pleading is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

  
John M. Covert  
Attorney for Applicant  
Registration No. 38,759

Date: Mar. 29. 2001

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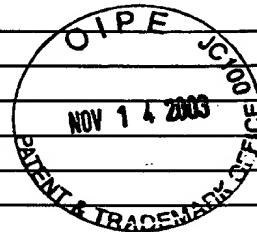
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Page 1 of 2

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1866.0010001	APPLICATION NO. 09/183,267
		APPLICANT Frank Guarnieri	
		FILING DATE October 30, 1998	GROUP 1631

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						



#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

#### OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	1	Mezei, M., and Beveridge, D.L., "Structural Chemistry of Bimolecular Hydration via Computer Simulation: The Proximity Criterion," in <i>Methods in Enzymology</i> , Parker, ed., Academic Press, NY, pp. 21-47 (1986).
AS	1	Mezei, M., "Modified Proximity Criteria for the Analysis of the Solvation of a Polyfunctional Solute," <i>Mol. Simul.</i> 1:327-332, Gordon and Breach Science Publishers S.A. (1988).
AT	1	Mezei, M., "Grand-canonical ensemble Monte Carlo study of dense liquid Lennard-Jones, soft spheres and water," <i>Mol. Phys.</i> 61:565-582, Taylor and Francis (1994).

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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Page 2 of 2

FORM PTO-1449 FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT		ATTY. DOCKET NO. 1866.0010001	APPLICATION NO. 09/183,267
		APPLICANT Frank Guarneri	FILING DATE October 30, 1998
		GROUP 1631	

#### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
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	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

#### OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Mehrotra, P.K., and Beveridge, D.L., "Structural Analysis of Molecular Solutions Based on Quasi-Component Distribution Functions," <i>J. Am. Chem. Soc.</i> 102:4287, American Chemical Society (1980).
	AS	2	Metropolis, N., et al., "Equation of State Calculations by Fast Computing Machines," <i>J. Chem. Phys.</i> 21:1087-1092, American Institute of Physics (1953).
	AT	2	Resat, H., and Mezei, M., "Grand canonical Monte Carlo Simulation of Water Positions in Crystal Hydrates," <i>J. Am. Chem. Soc.</i> 116:7451-7452, American Chemical Society (1994).

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.